

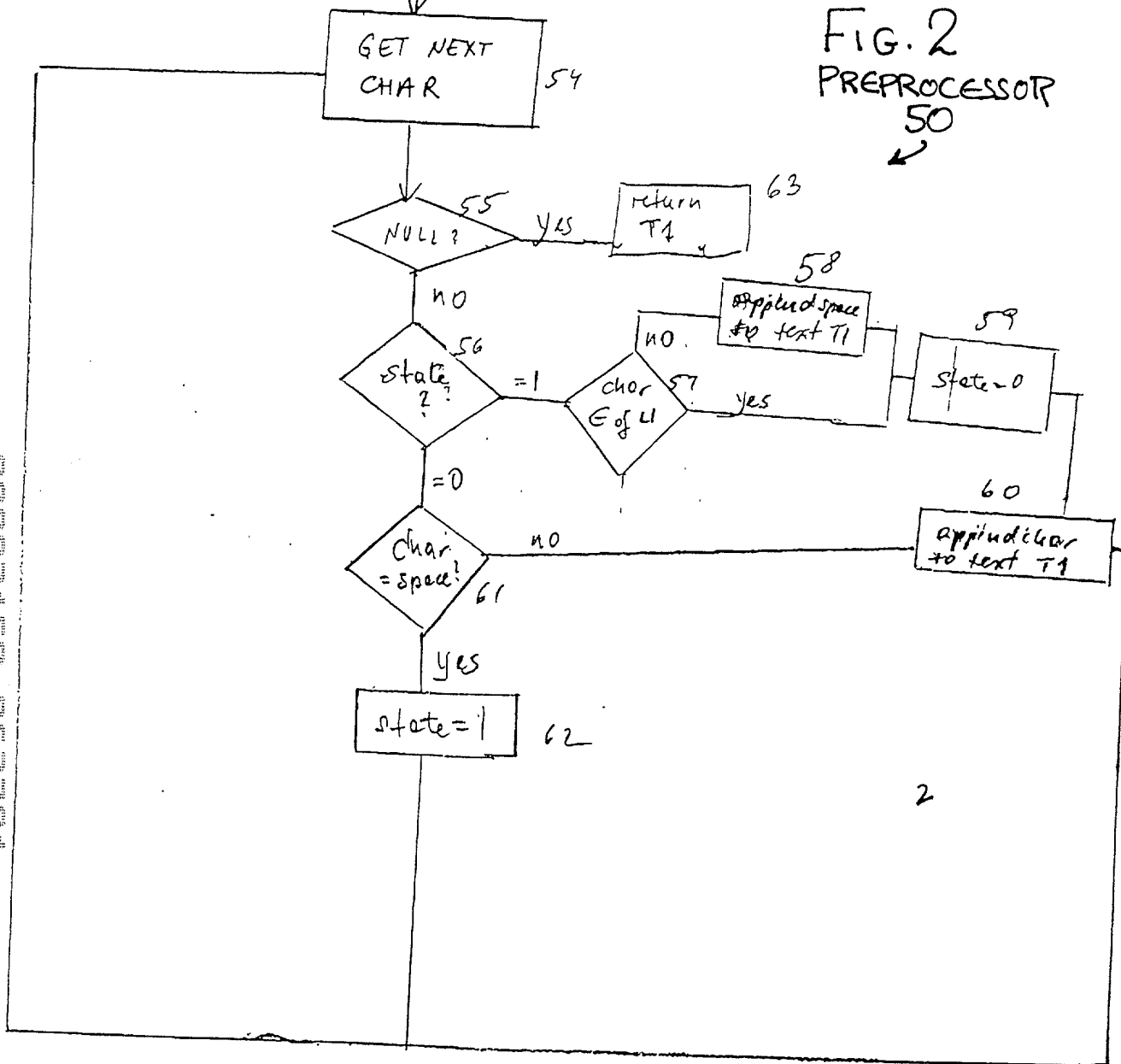
FIG. 1
10

51
LIST LI

52
TEXT

53
STATE = 0

FIG. 2
PREPROCESSOR
50



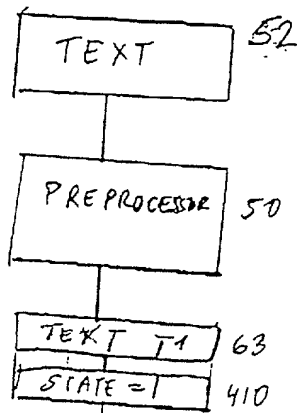
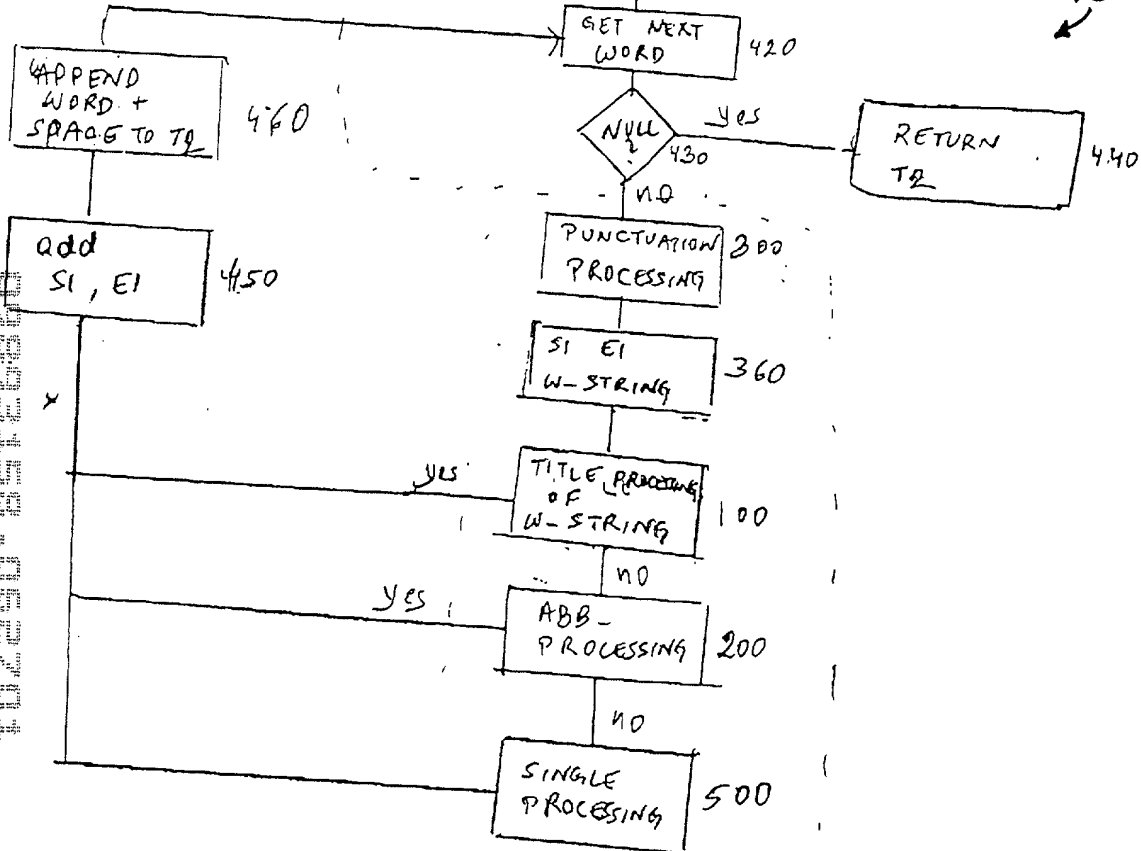
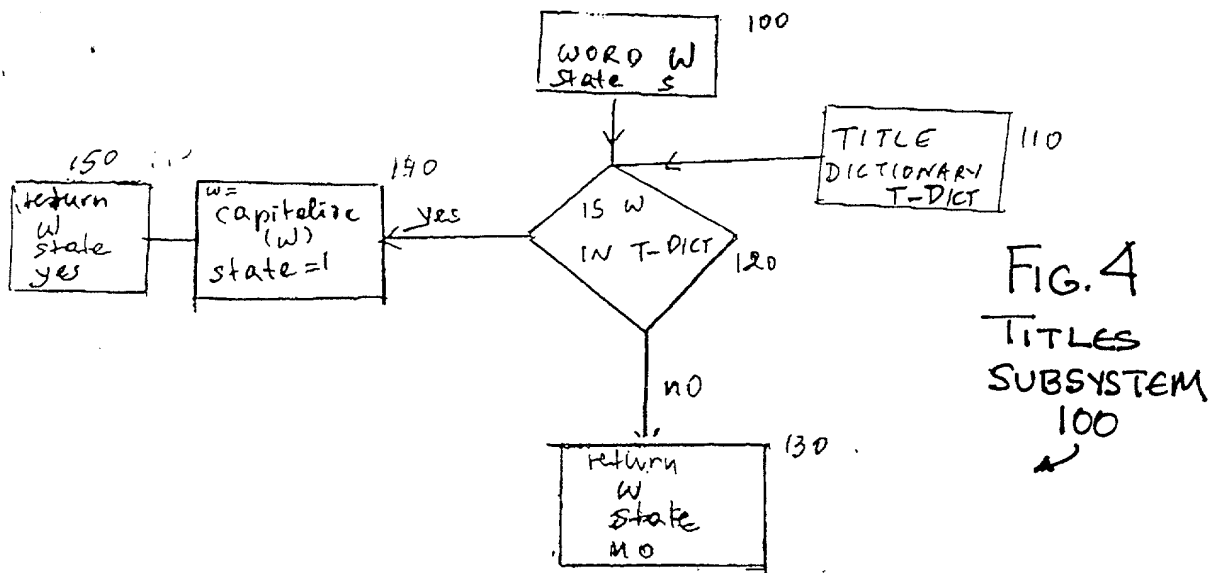


FIG. 3
CAPITALIZATION
SYSTEM
10



box 600



1010

1020 Term	1030 Min Phrase Length	1040 Max Phrase Length	1050 Preferred Spelling

FIG. 10
15A

Singleton Dictionary

1110

1120 Phrase	1130 Preferred Spelling

FIG. 11
15B

Phrase Dictionary

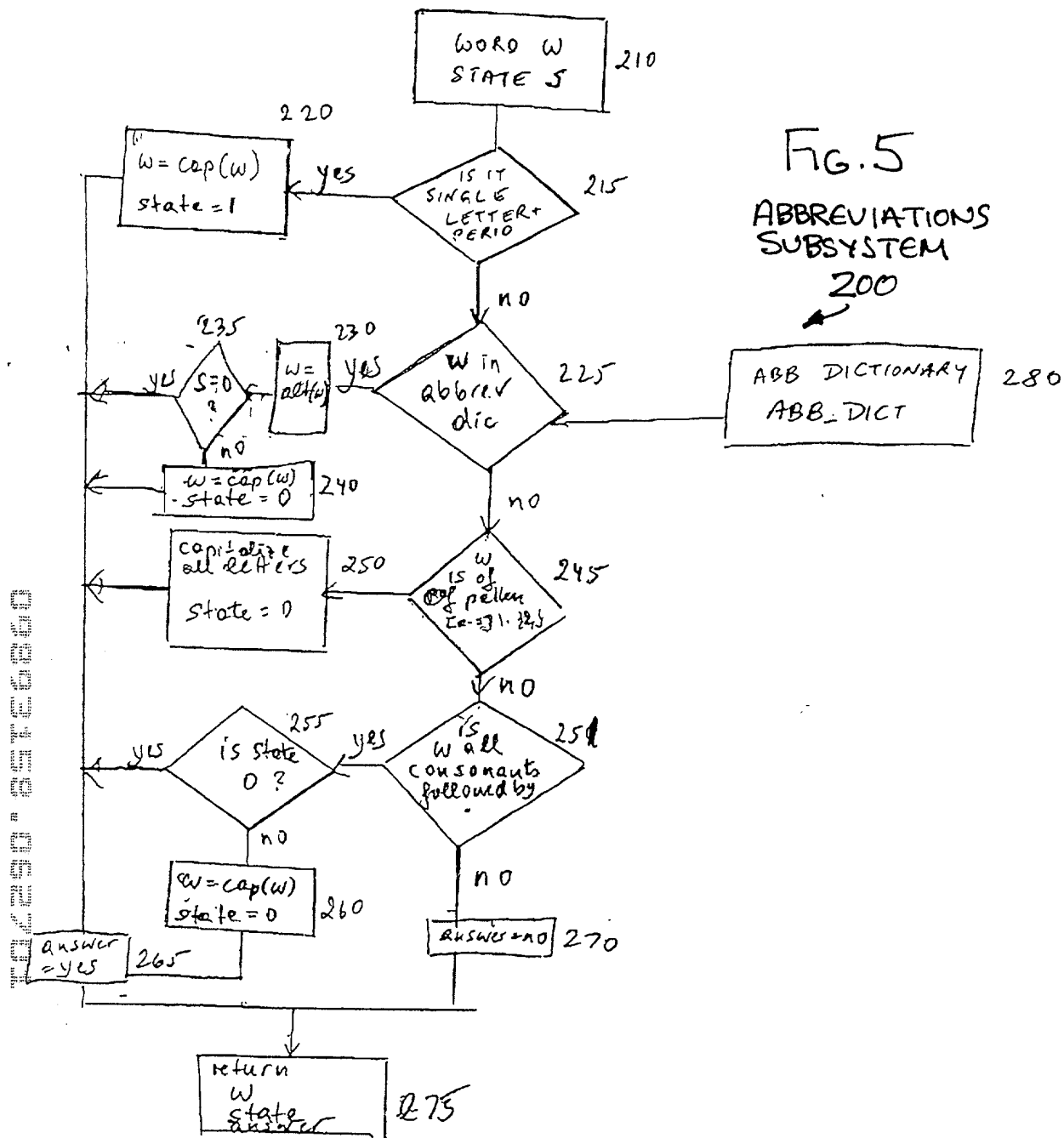
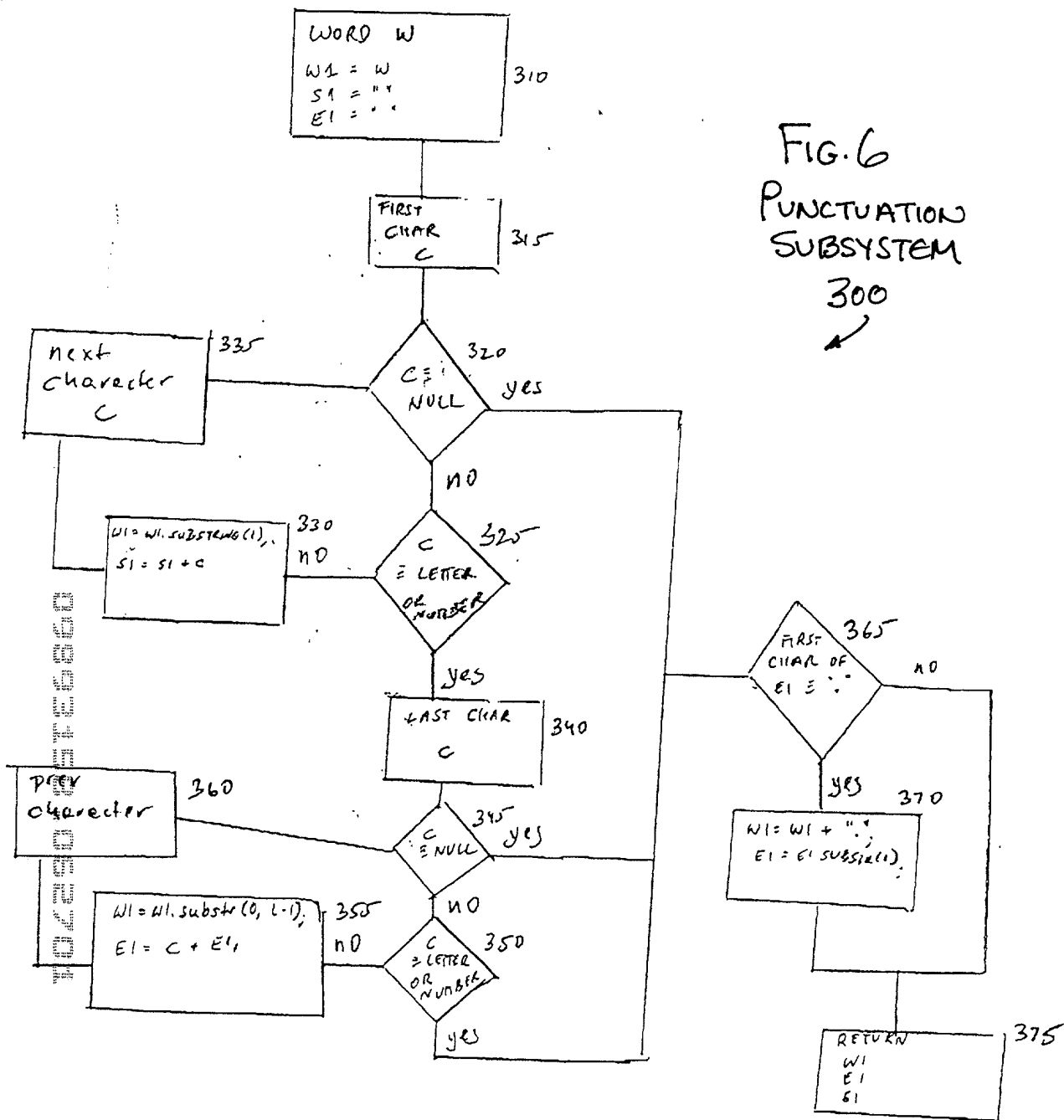


FIG. 6
PUNCTUATION
SUBSYSTEM
300



WORD W
STATE S

510

515
LAST
CHAR
= .

no

yes
W = W.SUBSTR(0, L-1)
S1 = ".";

520

525
W
ENDS WITH
"s"

no

yes
W = W.SUBSTR(0, L-1)
S1 = "s" + S1

530

535
W
in
DICT

no

540
W = alternate
spelling

555
STATE
= 1

no

yes
W = preferred
spelling

545

550
W = cap(W)

575
return
W = W + S1
state

565
state = 1

state = 0

570

560
S1
starts
with
"s"
or
with
"s".

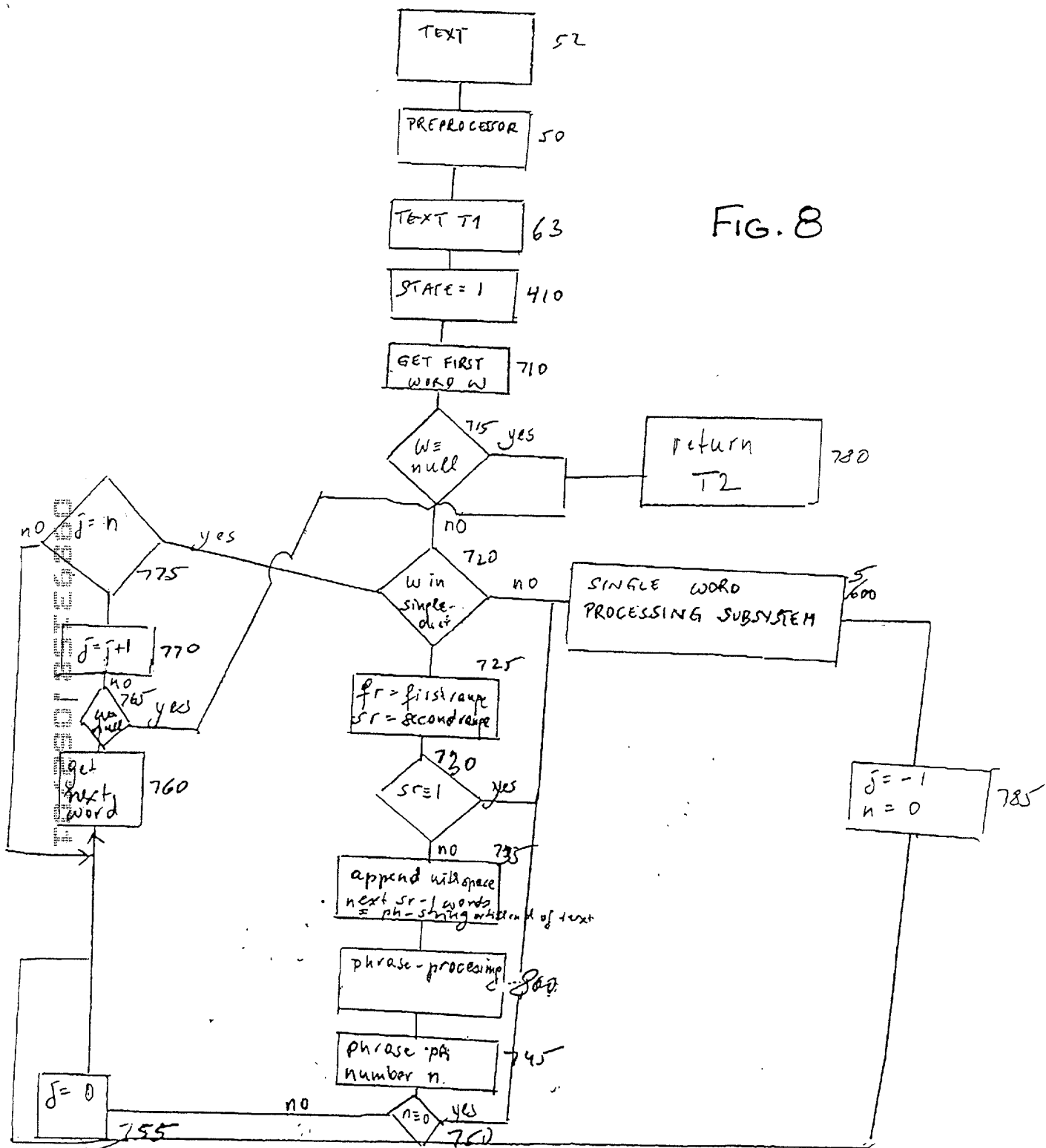
yes

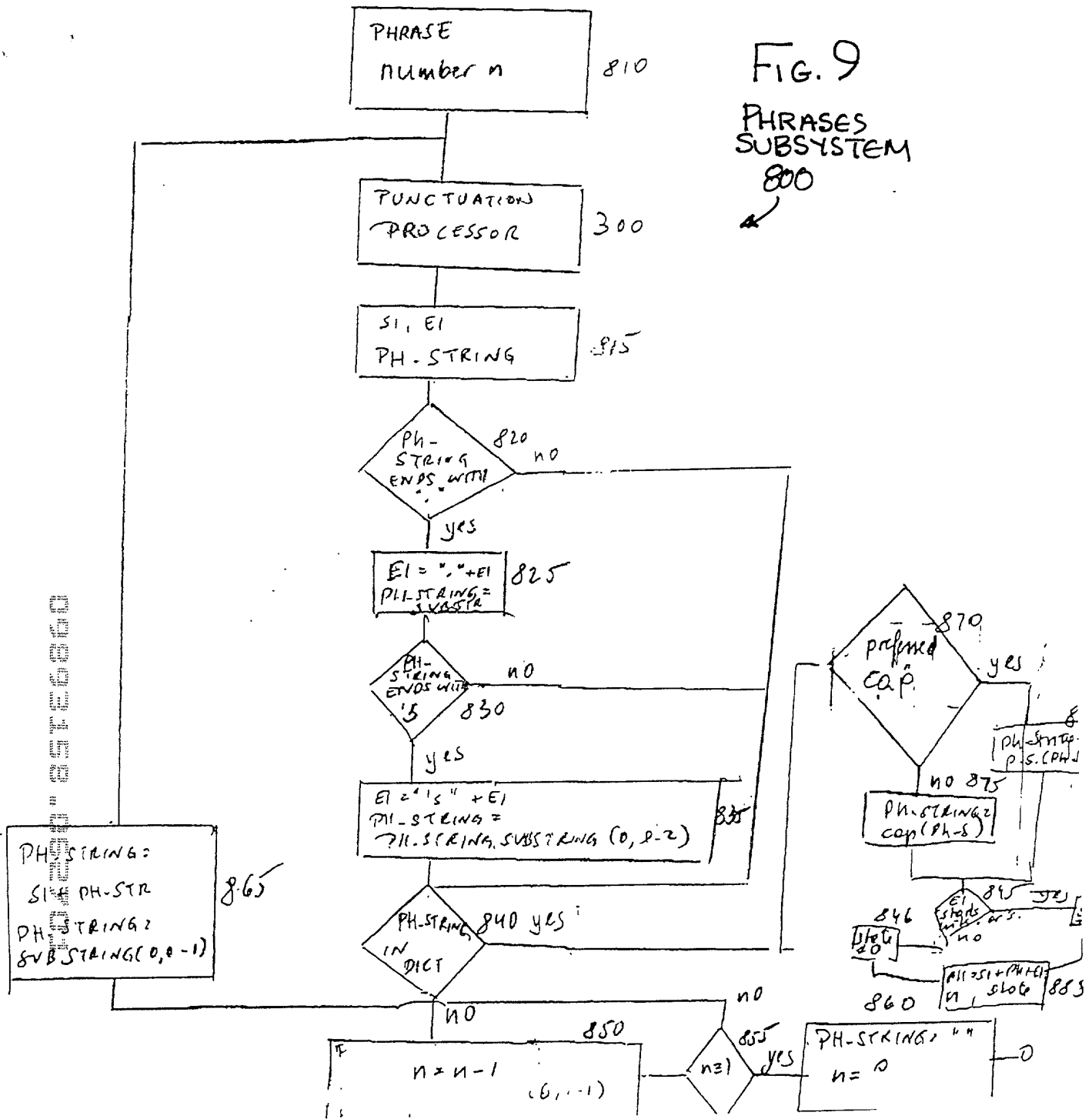
no

FIG. 7
SINGLETON
SUBSYSTEM

500

7





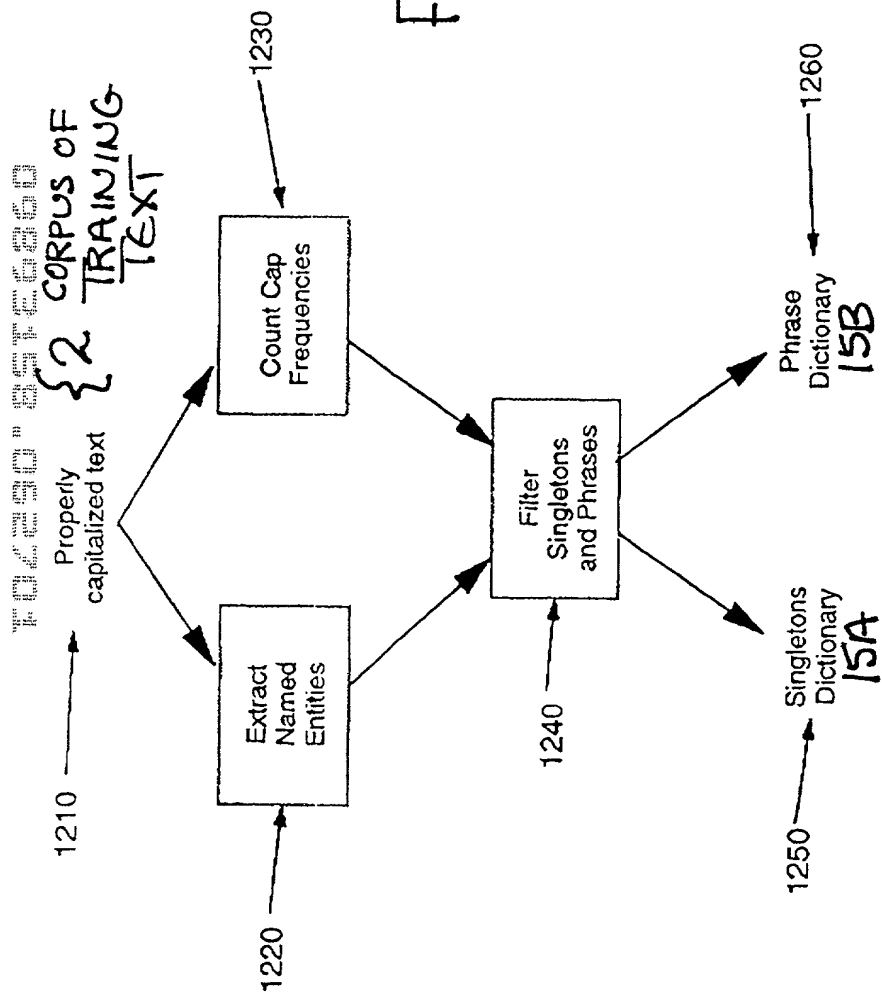


FIG. 12

Dictionary Build Process